

# Weekly Disease Surveillance Report

## 2022 Reporting Week 03: January 16 — January 22



This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

### Influenza (Flu) and COVID-19 Remains Elevated

Although COVID-19 activity is still elevated overall and the community risk remains at HIGH, Week 03 did show a slight decrease in the number of cases from Week 02; however, the percent positivity has increased to the highest on record for Okaloosa at 41.1%. As of January 25, in Okaloosa County, 24.6% of all hospital beds and 32.5% of ICU beds were occupied by COVID-19 patients. Of the hospitalized individuals, 62.5% are unvaccinated. Many medical facilities are reporting staffing shortages. Influenza-like illness (ILI) once again had a slight decrease in activity although it remains at an elevated level as well.

On December 27, the CDC [updated the COVID-19 isolation and quarantine recommendations](#) for the general population. Since that time, CDC has provided [background information](#) for reduction of isolation and quarantine timeframes and [further information on quarantine and isolation guidelines](#). [Guidance for managing healthcare personnel](#) with COVID-19 exposure or infection was also updated to enhance protection for staff, patients, and visitors.

### COVID-19 Booster Shots and Monoclonal Antibody Resources

The CDC has updated their guidance on COVID-19 [vaccinations](#) and, specifically, [booster](#) shots. Please continue to promote the COVID-19 vaccine as it is highly effective at preventing severe disease and death.

**PLEASE NOTE:** On [January 24, 2022](#), the U.S. Food and Drug Administration reissued the emergency use authorizations for Eli Lilly's bamlanivimab-etesevimab and Regeneron's REGEN-COV monoclonal antibody therapy treatments, which states that these treatments are not authorized for use in any U.S. state, territory, or jurisdiction at this time. Unfortunately, as a result of this abrupt decision made by the federal government, all state-supported monoclonal antibody therapy treatment sites will be closed until further notice. The full Florida Department of Health press release can be found [here](#).

### Contact Us:

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## COVID-19 Snapshot

Week 03 Review		Difference from Wk02
Resident Case Count	3201	-187
Resident Case Count per 100K Population	1550.7	-90.6
Average Resident Cases per Day	457.3	-26.7
Percent Positivity	41.1%	+5.2

Data Source: Merlin Database

The Florida Department of Health (FDOH) provides the Centers for Disease Control and Prevention (CDC) with county COVID-19 data, including deaths.

Please visit the [COVID-19 Community Profile Report](#) webpage to obtain death data by downloading the most recent excel file and locating Okaloosa on the 'Counties' tab.

For questions related to COVID-19 death data, please contact the FDOH Office of Communications at 850-245-4111 or [NewsMedia@flhealth.gov](mailto:NewsMedia@flhealth.gov).

Week 03 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
<b>HIGH</b>	1550.7	41.1%
<b>PREVIOUS WEEK RISK LEVEL: HIGH</b>		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully  
Vaccinated =  
No Quarantine

# COVID-19 in Okaloosa County

Week 03: January 16 – January 22

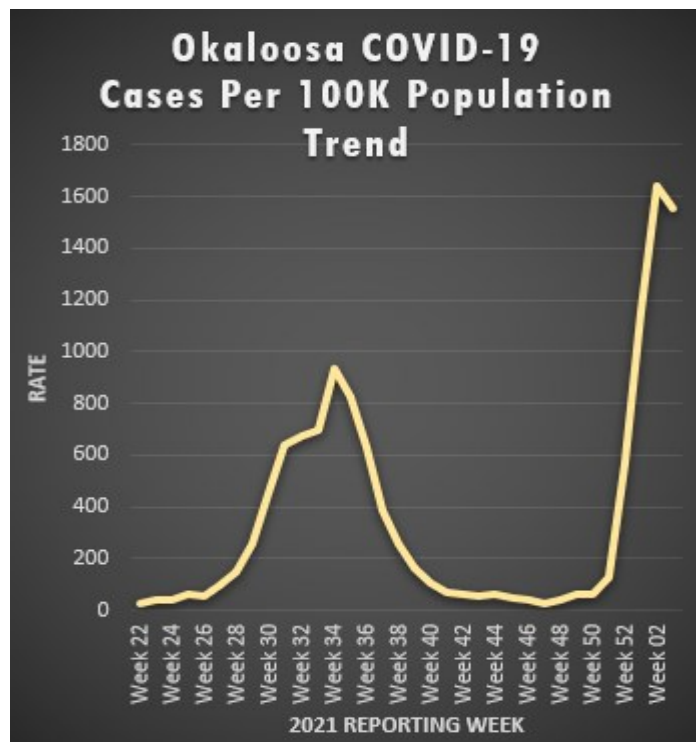
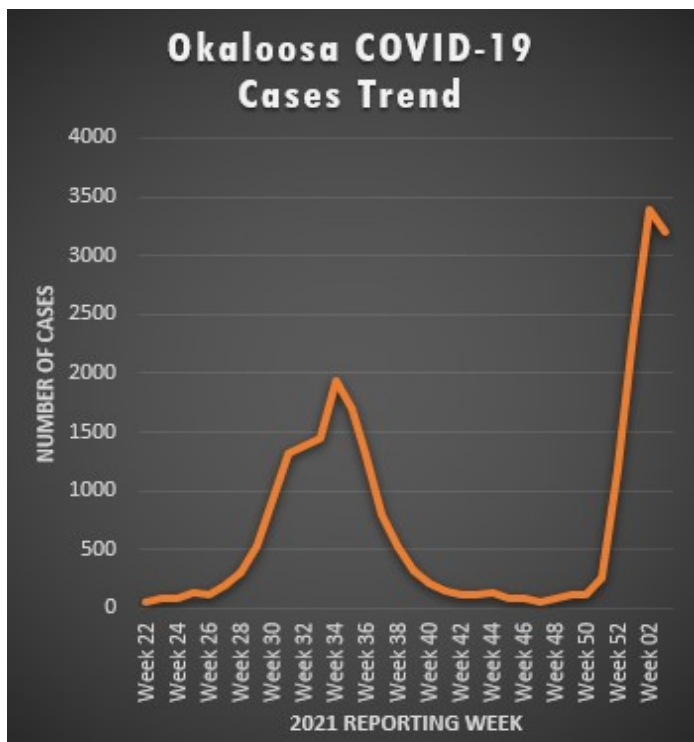
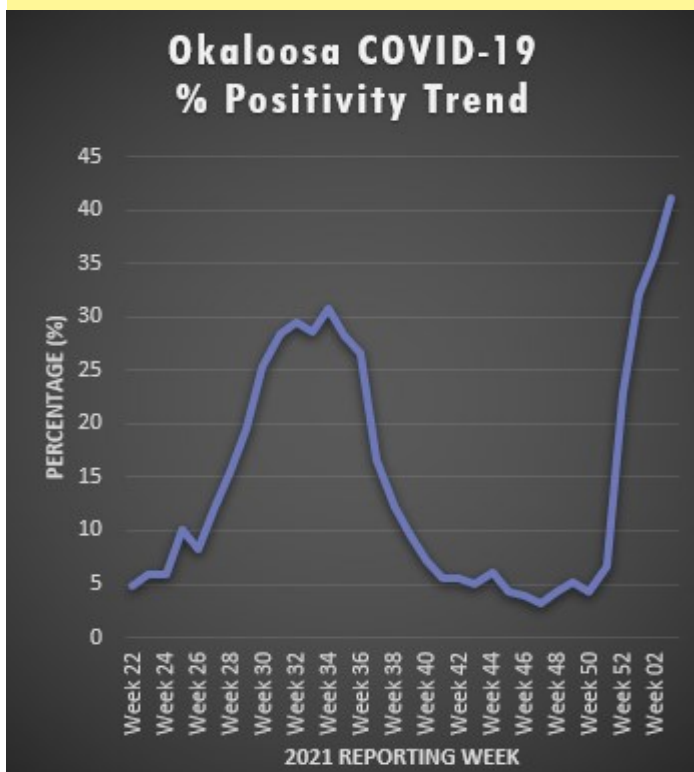


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database



COVID-19 Cases by Age Group			
Age Group	Okaloosa Resident Cases since 03/01/21 through Week 03	% by Age Group	Difference from Week 02
0-11	3149	11.8%	+440
12-14	1095	4.1%	+160
15-24	4123	15.4%	+430
25-44	9623	36.0%	+1180
45-64	6156	23.0%	+670
65-74	1584	5.9%	+198
75-84	706	2.6%	+91
85+	307	1.1%	+32
Unknown	5	0.0%	0
<b>Total</b>	<b>26748</b>	<b>100%</b>	<b>+3201</b>

Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

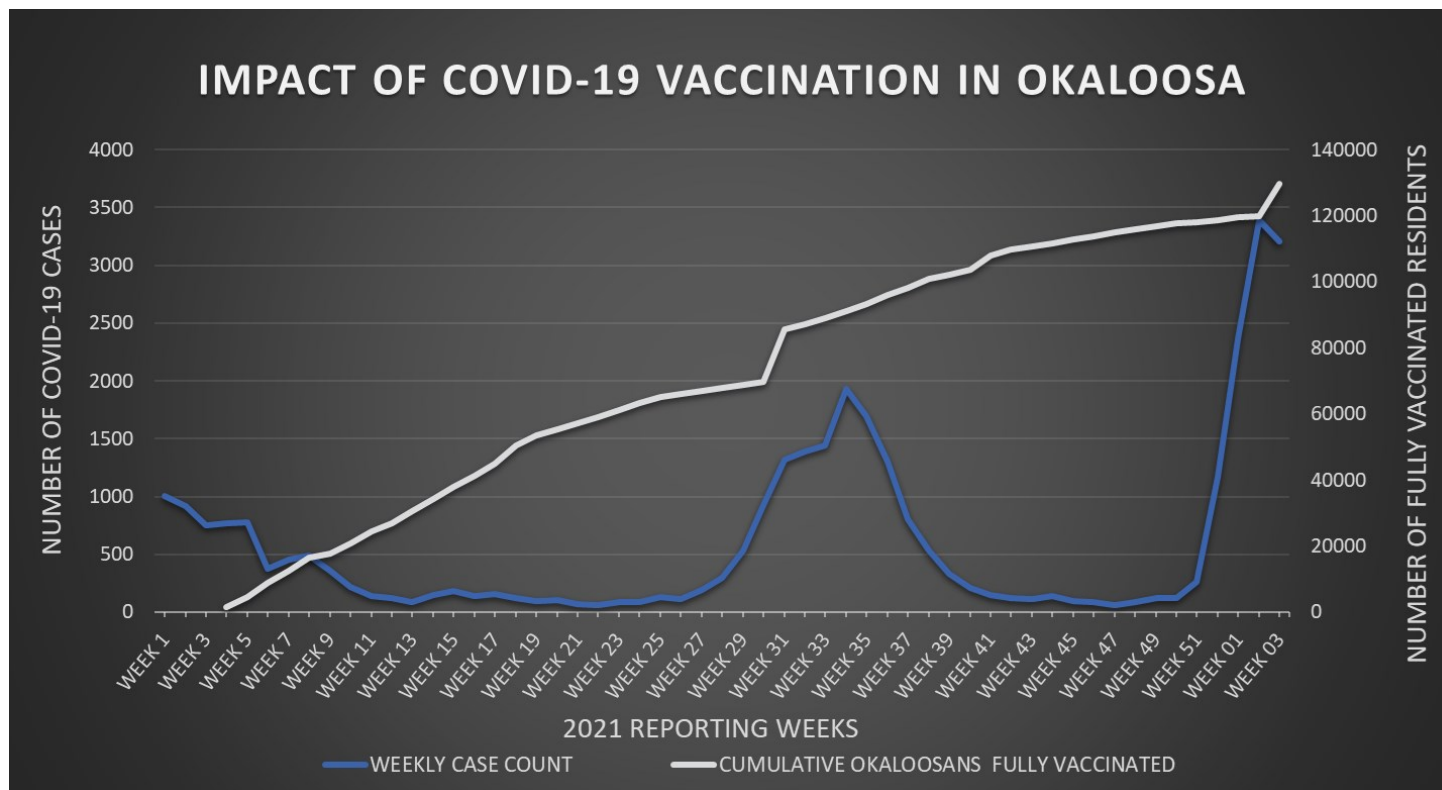
Data Source: Merlin Database



COVID-19 Fully  
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# COVID-19 in Okaloosa County

Week 03: January 16 — January 22



**Figure 4:** Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.  
Data Source: Merlin & CDC [COVID Data Tracker](#)

## VACCINATION DATA RESOURCE

The CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from:

- FL SHOTS, including FL Department of Health, retail pharmacies, and long-term care facilities,
- Dialysis centers participating in the Federal Dialysis Center Program,
- Health Resources and Services Administration partner sites, and
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

Percentage of  
Breakthrough  
Infection in  
Fully-Vaccinated  
Individuals:

4.11%

Data Source: Merlin & CDC [COVID Data Tracker](#)

## COVID-19 VACCINATIONS

Fully-Vaccinated Groups	OKALOOSA	US
% of Population ≥ 5 Years of Age	65.8%	67.4%
% of Population ≥ 12 Years of Age	71.8%	72.2%
% of Population ≥ 18 Years of Age	74.6%	73.8%
% of Population ≥ 65 Years of Age	94.0%	88.2%

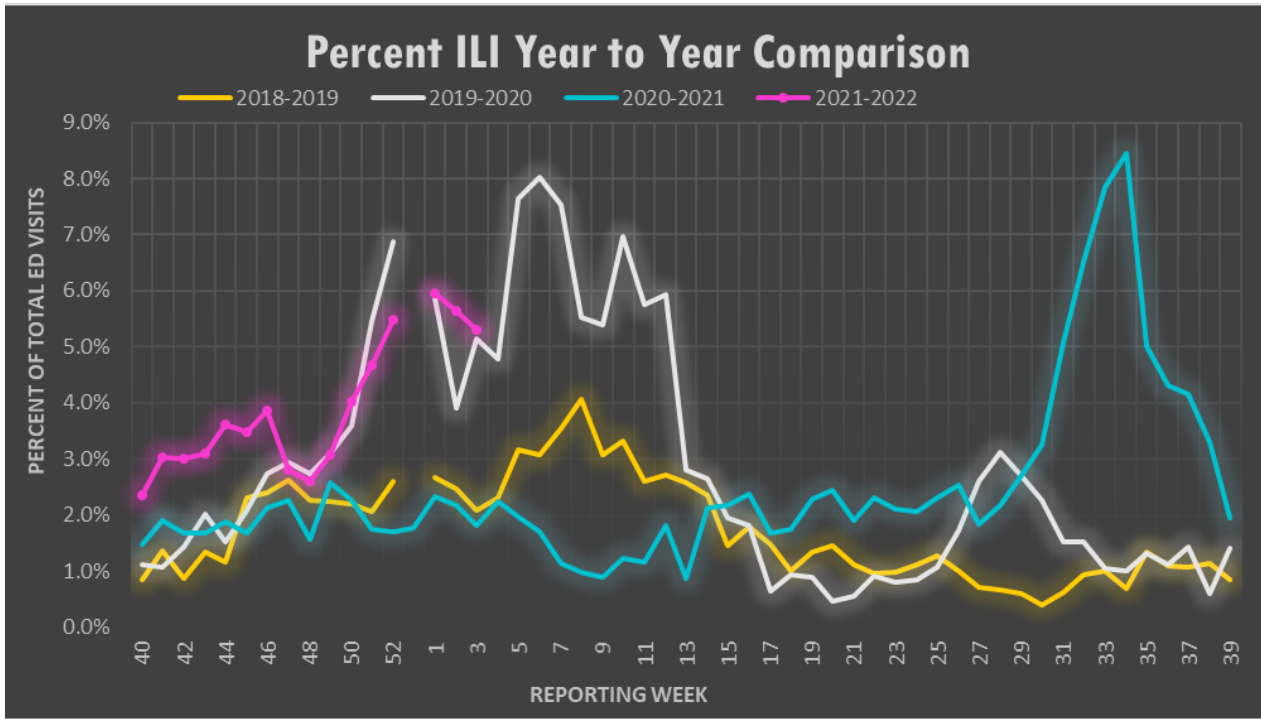
Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



# Influenza-Like Illness

Week 03: January 16 — January 22

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.



**Figure 5:** Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa county for the 2018-19, 2019-20, 2020-21, and 2021-22 influenza seasons by week. Data source: ESSENCE

**ANALYSIS:** During Week 03, flu reporting partners and ESSENCE (a syndromic surveillance system) reported a plateau in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County slightly decreased from 5.64% during Week 02 to 5.30% during Week 03. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, 44 out of 493 influenza specimens submitted to the state lab were positive (5 Influenza A H3, 24 Influenza A unspecified, 15 Influenza B unspecified). There were no ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 03 is higher than that of Week 03 last year.

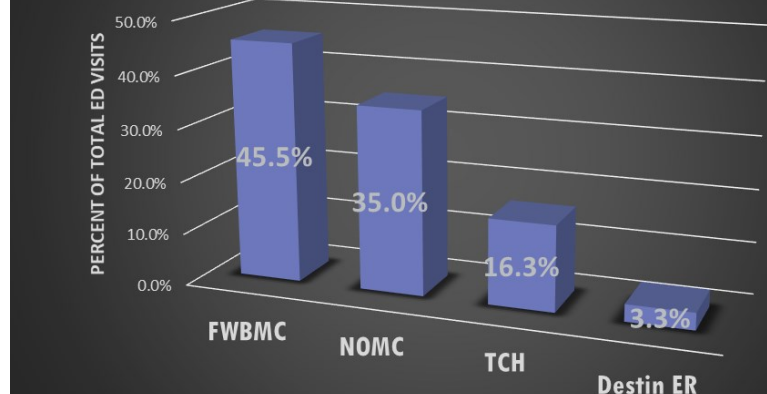
*Note:* Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

## % ILI by Age Group Week 03, 2022

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	30	177	16.95%
5-19	20	257	7.78%
20-34	22	524	4.20%
35-54	32	530	6.04%
55-74	15	537	2.79%
75+	4	293	1.37%

Data Source: ESSENCE

## % of Total ILI Visits by Facility Week 03, 2022



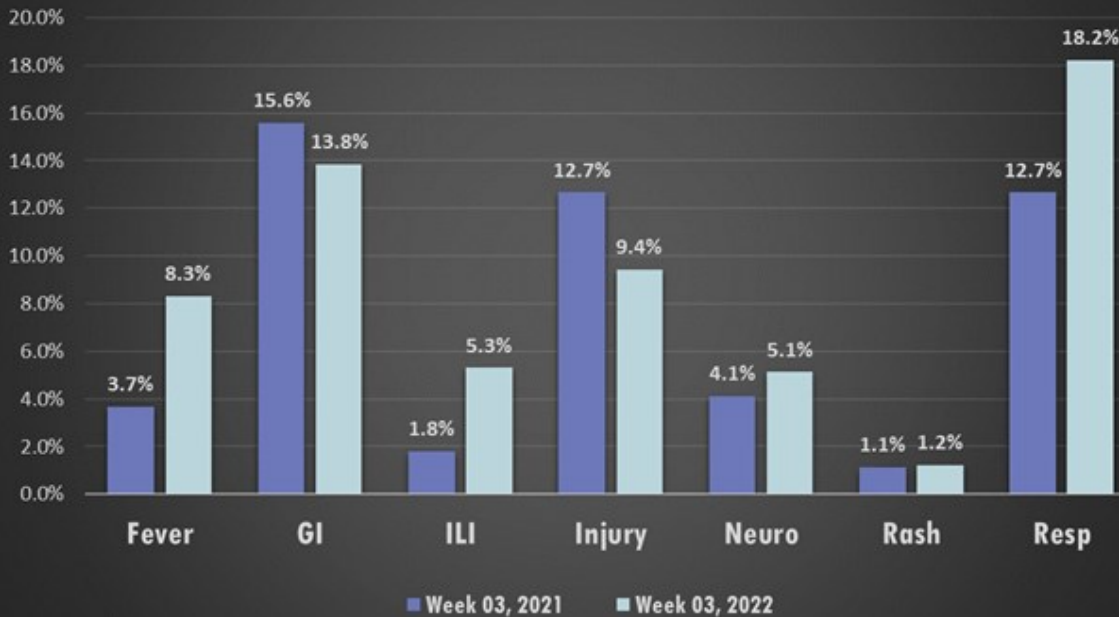
**Figure 6:** Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=123). Data source: ESSENCE



# Syndromic Surveillance

Week 03: January 16 — January 22

## Total ED Visits by Syndrome



**Figure 7:** Hospital Emergency Department (ED) visits from 2022 Week 03 by select syndrome category. Percentages calculated based on total number of ED visits (n=2320). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

## Fort Walton Beach Medical Center ED Presentations



## Week 03—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	42
5-19	RESP	28
20-34	GI	44
35-54	RESP	61
55-74	RESP	37
75+	RESP	23

## North Okaloosa Medical Center ED Presentations



## Week 03—North Okaloosa Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	6
5-19	RESP	12
20-34	GI	16
35-54	GI	27
55-74	RESP	20
75+	RESP	12





# Syndromic Surveillance

Week 03: January 16 — January 22

## Twin Cities Hospital ED Presentations



## Week 03—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	11
5-19	INJURY	13
20-34	GI	18
35-54	GI	23
55-74	RESP	22
75+	INJURY	10

## DestinER ED Presentations



## Week 03—Destin ER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	3
5-19	RESP	8
20-34	RESP	9
35-54	RESP	7
55-74	RESP	10
75+	RESP	5

## Week 03—Okaloosa County

Age Group	Top Syndrome
0-4	RESP
5-19	RESP
20-34	GI
35-54	RESP
55-74	RESP
75+	RESP



Data Source: ESSENCE